

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, November 2022**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil</b> .....	<b>269</b>	<b>21</b>	<b>0</b>	<b>987</b>	<b>55,668</b>	<b>5,765</b>	<b>3,564</b>	<b>2,015</b>	<b>17,675</b>
<b>Petroleum Products</b> .....	<b>17,818</b>	<b>40</b>	<b>0</b>	<b>21,747</b>	<b>46,689</b>	<b>13,937</b>	<b>5,511</b>	<b>103,012</b>	<b>21,641</b>
Natural Gas Liquids .....	7,614	28	0	7,965	34,432	10,062	1,012	2,033	13,165
Ethane .....	5,814	0	—	114	16,260	2,950	—	0	1,367
Propane .....	1,034	18	0	5,747	9,895	3,690	270	2,000	2,092
Normal Butane .....	136	0	0	2,103	3,476	1,551	711	32	701
Isobutane .....	380	10	0	1	1,473	549	31	1	1,504
Natural Gasoline .....	250	0	—	0	3,328	1,322	—	0	7,501
Refinery Olefins .....	0	0	—	159	350	—	—	0	0
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	0	0	—	159	350	—	—	0	0
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	20	0	—	0	1,031	—	—	0	48
Motor Gasoline Blending Components .....	7,090	0	0	1,277	1,838	1,666	0	56,231	3,482
Reformulated - RBOB .....	0	0	0	0	282	—	0	6,523	699
Conventional .....	7,090	0	0	1,277	1,556	1,666	0	49,708	2,783
CBOB .....	7,090	0	0	1,277	1,349	1,666	0	48,892	2,783
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	207	—	—	816	0
Biofuels (including Fuel Ethanol) .....	0	0	0	8,944	5,346	484	4,381	15	0
Fuel Ethanol .....	0	0	0	8,837	5,079	453	3,981	15	0
Biodiesel .....	0	0	0	107	267	31	400	0	0
Renewable Diesel Fuel .....	—	0	0	—	0	—	0	—	—
Other Biofuels <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	92	0	0	579	157	104	0	1,363	466
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	92	0	0	579	157	104	0	1,363	466
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	92	0	0	579	157	104	0	1,363	466
Finished Aviation Gasoline .....	0	0	—	0	0	—	—	46	47
Kerosene-Type Jet Fuel .....	405	0	0	384	28	721	0	14,492	1,495
Kerosene .....	—	0	—	0	0	—	—	37	—
Distillate Fuel Oil .....	2,534	0	0	1,466	967	867	0	28,118	2,391
15 ppm sulfur and under .....	2,534	0	0	1,466	967	867	0	27,394	2,287
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	0	0	—	—	1	104
Greater than 500 ppm sulfur .....	—	0	—	0	0	—	—	723	—
Residual Fuel Oil .....	0	0	—	—	1,179	—	—	—	0
Petrochemical Feedstocks .....	0	0	—	—	155	—	—	—	26
Naphtha for Petrochemical Feedstock Use .....	0	0	—	—	135	—	—	—	26
Other Oils for Petrochemical Feedstock Use .....	0	0	—	—	20	—	—	—	0
Special Naphthas .....	0	0	—	—	0	—	—	—	33
Lubricants .....	0	0	—	20	29	—	—	316	198
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	12	0	271	730	33	10	16	10
Asphalt and Road Oil .....	63	0	0	682	447	0	108	345	275
Miscellaneous Products .....	0	0	—	—	0	—	—	—	6
<b>Total</b> .....	<b>18,087</b>	<b>61</b>	<b>0</b>	<b>22,733</b>	<b>102,357</b>	<b>19,702</b>	<b>9,075</b>	<b>105,027</b>	<b>39,316</b>

See footnotes at end of table.

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, November 2022**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
<b>Crude Oil</b> .....	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,019</b>	<b>1,271</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>0</b>	<b>5,725</b>	<b>0</b>	<b>21,369</b>	<b>4,295</b>	<b>2,916</b>	<b>0</b>	<b>45</b>	<b>16</b>
Natural Gas Liquids .....	0	131	0	20,326	4,168	564	0	0	0
Ethane .....	0	—	0	6,469	1,444	—	0	0	0
Propane .....	0	0	0	7,197	1,308	185	0	0	0
Normal Butane .....	0	86	0	2,960	390	314	0	0	0
Isobutane .....	0	45	0	1,147	432	65	0	0	0
Natural Gasoline .....	0	—	0	2,553	594	—	0	0	0
Refinery Olefins .....	—	—	0	0	0	—	0	0	—
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	—	—	0	0	0	—	0	0	—
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components .....	0	3,449	0	205	0	1,260	0	0	0
Reformulated - RBOB .....	—	1,971	0	0	0	0	0	0	—
Conventional .....	0	1,478	0	205	0	1,260	0	0	0
CBOB .....	0	1,478	0	205	0	1,260	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	0	0	0	—	0	0	—
Biofuels (including Fuel Ethanol) .....	0	1,076	0	0	0	92	0	0	0
Fuel Ethanol .....	0	508	0	0	0	92	0	0	0
Biodiesel .....	0	74	0	0	0	0	0	0	0
Renewable Diesel Fuel .....	—	494	—	—	0	0	—	0	—
Other Biofuels <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	378	0	86	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	378	0	86	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	378	0	86	0	0	0
Finished Aviation Gasoline .....	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	221	0	24	0	329	0	0	0
Kerosene .....	—	—	0	—	0	—	0	0	—
Distillate Fuel Oil .....	0	751	0	358	0	402	0	0	0
15 ppm sulfur and under .....	0	751	0	358	0	402	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur .....	—	—	0	—	0	—	0	0	—
Residual Fuel Oil .....	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks .....	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Special Naphthas .....	—	—	—	0	0	—	—	0	—
Lubricants .....	—	—	0	0	0	—	0	0	—
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	10	0	0	3	6	0	45	3
Asphalt and Road Oil .....	0	88	0	78	124	177	0	0	13
Miscellaneous Products .....	—	—	—	0	0	—	—	0	—
<b>Total</b> .....	<b>0</b>	<b>5,725</b>	<b>0</b>	<b>45,388</b>	<b>5,566</b>	<b>2,916</b>	<b>0</b>	<b>45</b>	<b>16</b>

— = No Data Reported.

<sup>1</sup> Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

<sup>2</sup> Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Data source: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.